

WHAT IS CLAIMED IS:

1. A method for measuring the effort associated with donning a glove comprising:
providing a testing apparatus having a glove mount and a device for measuring
5 effort associated with donning of a glove;
mounting a glove for testing on the glove mount so the glove is open and donnable;
initializing the testing apparatus; and
acquiring data from the device relating to the effort associated with donning of the
10 glove.
2. The method of claim 1 comprising mounting the glove on the glove mount in a predetermined orientation.
3. The method of claim 1 comprising mounting the glove on the glove mount such that a cuff portion of the glove is frictionally held upon a seat portion of the
15 glove mount with a finger portion of the glove hanging vertically downward.
4. The method of claim 1 comprising measuring with a load cell the forces acting upon the glove during donning.
5. The method of claim 1 comprising measuring the stretching undergone by the glove during donning.
- 20 6. The method of claim 5 comprising providing a linear variable differential transducer as a means for measuring glove stretch.
7. The method of claim 5 comprising providing a light curtain as a means for measuring glove stretch.
8. The method of claim 1 wherein acquiring data comprises acquiring a series of

data points during an individual glove donning event; and depicting the data in a usable format.

9. The method of claim 8 comprising tabulating the data.

10. The method of claim 8 comprising graphing the data.

5 11. A method for measuring the effort associated with donning a glove comprising:

providing a testing apparatus having a glove mount and a device for measuring effort associated with donning of a glove;

10 stretching a glove onto the glove mount so that the glove is presented to a test subject in an open and donnable arrangement;

initializing the testing apparatus;

preparing the test subject's hand for glove donning;

donning the glove; and

15 acquiring data from the device relating to the effort associated with donning of the glove.

12. The method of claim 11 comprising:

washing the hand for a predetermined amount of time;

drying the hand for a predetermined amount of time; and

donning the glove immediately after drying the hand.

20 13. The method of claim 12 wherein the hand is washed with soap and water and subsequently rinsed with water for a predetermined amount of time.

14. The method of claim 13 wherein the hand is washed and rinsed for substantially an equivalent amount of time.

15. The method of claim 13 wherein the hand is washed for about fifteen seconds.
16. The method of claim 13 wherein the hand is rinsed for about fifteen seconds.
17. The method of claim 12 wherein drying the hand comprises removing visible
5 moisture from the hand.
18. The method of claim 11 comprising mounting the glove on the glove mount in a predetermined orientation.
19. The method of claim 11 comprising mounting the glove on the glove mount such that a cuff portion of the glove is held by friction upon a seat portion of the
10 glove mount with a finger portion of the glove hanging vertically downward.
- 20 The method of claim 11 comprising measuring with a load cell the forces acting upon the glove during donning.
21. The method of claim 11 comprising measuring the stretching undergone by the glove during donning.
- 15 22. The method of claim 21 comprising measuring the stretching undergone by the glove with a linear variable differential transducer.
- 23 The method of claim 21 comprising measuring the stretching undergone by the glove with a light curtain.
24. The method of claim 11 wherein acquiring data comprises acquiring a series
20 of data points during an individual glove donning event; and depicting the data in a usable format.